

FOCUS Version 7.1.1  
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TM7978.1

## FOCUS Two Gigabyte Database Support Update

FOCUS 7.1.1 introduces full support for FOCUS databases over one gigabyte, to a maximum of two gigabytes.

### Enabling Two-Gigabyte Support in SU

The documentation specifies that the FOC2GIGDB parameter must be set ON in FOCPARM in order to create databases over one gigabyte. To enable update of databases over one gigabyte running on a FOCUS Database Server, you must also do the following:

- SET FOC2GIGDB to ON in HLIPROF.

The FOC2GIGDB setting in HLIPROF overrides the setting in FOCPARM. FOCUS will allow you to *read* from databases larger than one gigabyte regardless of this setting.

### Effect of Two-Gigabyte Support on Prior Releases of FOCUS

If you use prior releases of FOCUS in addition to FOCUS 7.1.1, you must take steps to avoid accessing a database larger than one gigabyte in any release prior to 7.1.1. Such access will produce unpredictable results.

### Protecting Releases 7.0.9, 7.0.8R, and 7.0.8 From Access to Databases Larger Than One Gigabyte

PTFs have been created for releases 7.0.9, 7.0.8R, and 7.0.8 that will prevent access to databases larger than one gigabyte. Once you apply the appropriate PTF, any attempt to access a database larger than one gigabyte (for read or write) will generate the following message and close the FOCUS session or, in a batch job, issue a return code of -3 and terminate the job step:

(FOC198) FATAL ERROR IN DATABASE I/O. FOCUS TERMINATING

A severe error was encountered in reading from or writing to a  
FOCUS database. FOCUS was unable to recover from this error, and  
will return to the host environment.

Please apply the following PTFs to prior releases of FOCUS you are running concurrently with FOCUS 7.1.1. **Important!** Do *not* apply these PTFs to Version 7.1.1. They are not needed and may prevent access to your data:

| FOCUS Release | Environment | PTF Number |
|---------------|-------------|------------|
| 7.0.9         | TSO         | 185071     |
|               | CMS         | 185079     |
| 7.0.8R        | TSO         | 185067     |
|               | CMS         | 185068     |
| 7.0.8         | TSO         | 183924     |
|               | CMS         | 185065     |

### Avoiding Access to Databases Larger Than One Gigabyte in Releases Prior to 7.0.8

- **Warning!** If you are running a FOCUS Release prior to 7.0.8, you must be sure to prevent access to databases larger than one gigabyte. Any type of access (read or write) may produce unpredictable results.